

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/601,955	06/23/2003	Jiang-Liang Hou	251408-1010	8845
24504	7590 07/03/2006		EXAMINER	
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP			ROSE, HELENE ROBERTA	
100 GALLERIA PARKWAY, NW STE 1750 ATLANTA, GA 30339-5948			ART UNIT	PAPER NUMBER
			2163	<u>.</u>

DATE MAILED: 07/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Notice of Abandonment    10/601,955	
Examiner  Helene Rose  2163  The MAILING DATE of this communication appears on the cover sheet with the correspondence address This application is abandoned in view of:  1. Applicant's failure to timely file a proper reply to the Office letter mailed on 15 December 2005.  (a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration period for reply (including a total extension of time of month(s)) which expired on  (b) A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) No reply has been received.  2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmiss, which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address This application is abandoned in view of:  1. Applicant's failure to timely file a proper reply to the Office letter mailed on 15 December 2005.  (a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration period for reply (including a total extension of time of month(s)) which expired on  (b) A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) No reply has been received.  2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmiss), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address This application is abandoned in view of:  1. Applicant's failure to timely file a proper reply to the Office letter mailed on 15 December 2005.  (a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration period for reply (including a total extension of time of month(s)) which expired on  (b) A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) No reply has been received.  2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmiss), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$	
This application is abandoned in view of:  1.	<del>_</del>
<ol> <li>Applicant's failure to timely file a proper reply to the Office letter mailed on 15 December 2005.</li> <li>(a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration period for reply (including a total extension of time of month(s)) which expired on</li> <li>(b) ☐ A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request Continued Examination (RCE) in compliance with 37 CFR 1.114).</li> <li>(c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).</li> <li>(d) ☒ No reply has been received.</li> <li>2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three from the mailing date of the Notice of Allowance (PTOL-85).</li> <li>(a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmiss), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).</li> <li>(b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.</li> <li>The publication fee, if required by 37 CFR 1.18(d), is \$</li> </ol>	
<ul> <li>(a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration period for reply (including a total extension of time of month(s)) which expired on</li> <li>(b) ☐ A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request Continued Examination (RCE) in compliance with 37 CFR 1.114).</li> <li>(c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).</li> <li>(d) ☒ No reply has been received.</li> <li>2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three from the mailing date of the Notice of Allowance (PTOL-85).</li> <li>(a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmiss), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).</li> <li>(b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.</li></ul>	
<ul> <li>(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request Continued Examination (RCE) in compliance with 37 CFR 1.114).</li> <li>(c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).</li> <li>(d) ☒ No reply has been received.</li> <li>2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three from the mailing date of the Notice of Allowance (PTOL-85).</li> <li>(a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmiss), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).</li> <li>(b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is \$         The publication fee, if required by 37 CFR 1.18(d), is</li></ul>	
<ul> <li>application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request Continued Examination (RCE) in compliance with 37 CFR 1.114).</li> <li>(c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).</li> <li>(d) ☒ No reply has been received.</li> <li>2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three from the mailing date of the Notice of Allowance (PTOL-85).</li> <li>(a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmiss), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).</li> <li>(b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.</li> <li>The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$</li> </ul>	-
final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☑ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmiss), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).  (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$	
<ul> <li>2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three from the mailing date of the Notice of Allowance (PTOL-85).</li> <li>(a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmiss), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).</li> <li>(b) The submitted fee of \$ is insufficient. A balance of \$ is due.</li> <li>The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$</li> </ul>	e non-
from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmiss), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$	
), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Allowance (PTOL-85).  (b)  The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$	
The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$	
(c) The issue fee and publication fee if applicable, has not been received	
(c) The issue lee and publication lee, if applicable, has not been received.	
3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).	
(a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), wh after the expiration of the period for reply.	ich is
(b) ☐ No corrected drawings have been received.	
4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, the applicants.	or all of
5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 1.34(a)) upon the filing of a continuing application.	CFR
6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking control of the decision has expired and there are no allowed claims.	urt review
7. 🔀 The reason(s) below:	
Examiner contacted the attorney of records regarding application number 10/601,955 to check the status, and with Ms. Brooke French who confirmed abandonment.	d spoke
Son Van	
DONWONG SUPERVISORY PATENT EXAMINER Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly minimize any negative effects on patent term	